

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2004/051939

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B H03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 404 586 A (ISHIGURO HIRONOBU) 4 April 1995 (1995-04-04) abstract column 4, line 22 - column 9, line 41 figures 2-8 ----- US 5 903 854 A (ABE MASAYOSHI ET AL) 11 May 1999 (1999-05-11) abstract column 10, line 1 - column 11, line 19 figures 9-19 -----	1-19
X	WO 02/29969 A (MECK RONALD A ; TROPIAN INC (US); SANDER WENDELL B (US); SCHELL STEPHAN) 11 April 2002 (2002-04-11) the whole document -----	1-19
A		1-19 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

10 December 2004

Date of mailing of the International search report

19/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 275 478 B1 (TIEDEMANN JR EDWARD G) 14 August 2001 (2001-08-14) abstract column 5, line 46 – column 16, line 47 figures 1,2,7 -----	1-19

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In: International Application No
PCT/IB2004/051939

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